has been installed so far under this programme in Madhya Pradesh for irrigation. However, a wind-mill has been installed at Jiwaji Vishwavidyalaya, Gwalior and three more are under installation at Indore, Bhopal and Jabalpur for demonstration purposes.

(b) During 2003-04 it is proposed to install 150 water pumping wind-mills in the country. Targets are allocated to the States against proposals received from them. The MPUVN does not propose to install any wind-mill in the State this year for irrigation purpose.

Setting up wind power parks in the Country

†2471. SHRI HARISH RAWAT: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the total output of wind power in the country;

(b) whether there is a proposal to construct wind parks in the country;

(c) if so, whether such kind of wind power parks is proposed to be set up in Uttaranchal; and

(d) if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) Wind power projects aggregating to 1870 MW have so far been installed in the country.

(b) Yes, Sir. Wind power capacity addition of 1500 MW is envisaged during the Tenth Plan period.

(c) and (d) The State Government have proposed a 2 MW demonstration wind power project at Bachelikhal in Tehri Garhwal district of Uttaranchal.

Wind monitoring masts

2472. SHRI A. VIJAYARAGHAVAN: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether there are many wind monitoring masts for identifying areas suitable for wind farming all over the country;

†Original notice of the question was received in Hindi.

(b) if so, the details including the number of such masts, State-wise, as on date;

(c) the details of areas identified, if any, for wind farming, State-wise, as on today; and

(d) the total funds given to each State for developing non-conventional energy sources for the last three years, year-wise, category-wise and source wise?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) and (b) 457 wind monitoring masts were installed in 20 States/Union Territories for identification of the sites suitable for wind power projects. At present data is being collected at 37 masts. Remaining masts have been closed down after collection of data. Details are given in Statement-I (*See* below).

(c) 208 potential sites have so far been identified in 13 States/Union Territories which could be considered suitable for installation of wind power projects, as per the details given in Statement-II (*See* below).

(d) Year-wise and source-wise release of funds to each State for developing non-conventional energy sources during the last three years is given in Annexure [*See* Appendix 199, Annexure No. 10].

Statement-I

State-wise Installation of wind Monitoring Masts

SL. No.	State/U.T.	Total No. of Wind monitoring masts	No. of masts in operation
1	2	3	4
1.	Andhra Pradesh	60	2
2.	Arunachal Pradesh	4	-
3.	Assam	5	-
4.	Gujarat	56	8
5.	Haryana	5	3
6.	Himachal Pradesh	9	-
7.	Jammu & Kashmir	7	3
8.	Karnataka	33	2

1	2	3	4
9.	Kerala	21	-
10.	Madhya Pradesh	27	1
11.	Maharashtra	73	5
12.	Orissa	10	-
13.	Punjab	11	-
14.	Rajasthan	35	8
15.	Tamil Nadu	57	3
16.	Uttaranchal/UP	11	-
17.	West Bengal	9	-
18.	Andaman & Nicobar	10	-
19.	Lakshadweep	10	2
20.	Pondicherry	4	-
	TOTAL	457	37

Statement-II

State-wise potential sites identified for wind power projects

Sl.No.	State/U.T.	No. of Potential Sites
1.	Andhra Pradesh	31
2.	Gujarat	38
3.	Karnataka	26
4.	Kerala	16
5.	Madhya Pradesh	7
6.	Maharashtra	26
7.	Orissa	6
8.	Rajasthan	7
9.	Tamil Nadu	40
10.	Uttaranchal	1
11.	West Bengal	1
12.	Andaman & Nicobar	1
13.	Lakshadweep	8
	TOTAL	208